



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)									ATTY. DOCKET NO. PC11897B		SERIAL NO. 10/613,988		
									APPLICANT Robert J. Chambers, et. al.		FILING DATE July 2, 2003		
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
RD	US	4	8	6	1	8	9	1	29 Aug 89	Saccomano, Nicholas A., et al	546	194	
RD	US	4	2	7	0	9	4	6	2 Jun 81	Gutman, Arnold D.	71	94	
RD	US	4	6	9	2	1	8	5	8 Sep 87	Michaely, William J.	71	94	
RD	US	5	5	5	2	4	3	8	3 Sep 96	Christensen, Siegfried B. IV	514	520	
RD	US	5	6	0	2	1	5	7	11 Feb 97	Christensen, Siegfried B. IV	514	362	
RD	US	5	6	1	4	5	4	0	25 Mar 97	Christensen, Siegfried B. IV	514	362	
RD	US	5	8	6	3	9	2	6	26 Jan 99	Christensen, Siegfried B. IV, et al	514	277	
RD	US	5	9	2	2	5	5	7	13 Jul 99	Pon, Douglas J.	435	21	
RD	US	6	3	8	0	2	1	8	30 Apr 02	Marfat, Anthony, et. al	514	326	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
RD	WO	9	8	1	8	7	9	6	7 May 98	International	C07D	471/04			
RD	WO	9	8	4	5	2	6	8	15 Oct 98	International	C07D	213/82			
RD	WO	9	8	4	5	6	2	8	15 Oct 98	International	F16K	3/02			
RD	WO	9	9	1	8	7	9	3	22 Apr 99	International	A01N	43/38			
RD	WO	9	5	0	0	1	3	9	5 Jan 95	International	A61K	31/275			
RD	WO	9	9	2	0	6	2	5	29 Apr 99	International	C07D	473/16			
RD	WO	9	9	2	0	2	8	0	29 Apr 99	International	A61K	31/52			
RD	WO	0	1	5	7	0	3	6	9 Aug 01	International	C07D	413/12			
RD	WO	0	1	5	7	0	2	5	9 Aug 01	International	C07D	405/12			
RD	GB	2	3	2	7	6	7	5	3 Feb 99	Great Britain	C07D	213/82			
RD	EP	0	5	5	0	9	0	0	28 Dec 92	EPO	A01N	43/40		X	
RD	EP	0	5	0	0	9	8	9	9 Dec 98	EPO	C07K	5/06			
RD	EP	0	7	7	3	0	2	4	14 May 07	EPO	A61K	31/44			
RD	JP	7	3	0	4	7	7	5		Japanese				X	
RD	FR	2	1	4	0	7	7	2		French	C07D	29/00			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. PC11897B	SERIAL NO. 10/613,988
Page 2 of 3		APPLICANT Robert J. Chambers, et. al.	
		FILING DATE July 2, 2003	GROUP 1625
RD		Trophy, Theodore J. et al, "Phosphodiesterase IV Inhibitors as Therapy for Eosinophil-induced Lung Injury in Asthma," <i>Environmental Health Perspectives</i> , Vol. 102 Suppl. 10, Dec. 1994, pp 79-84,	
RD		Duplantier, Allen J., et al., "Biarylcarboxylic Acids and -amides: Inhibition of Phosphodiesterase Type IV versus [³ H]Rolipram Binding Activity and Their Relationship to Emetic Behavior in the Ferret, <i>Journal of Medicinal Chemistry</i> ," 1996, Vol. 39, No. 1, pp 120-125	
RD		Schneider, Herbert H. et al, "Discriminative Stimulus Properties of the Stereoisomers of the Phosphodiesterase Inhibitor Rolipram," <i>Pharmacology Biochemistry and Behavior</i> , Vol. 50, No. 2, 1995, pp. 211-217	
RD		Banner, Katherine H., et. al., "Acute versus chronic administration of phosphodiesterase inhibitors on allergen-induced pulmonary cell influx in sensitized guinea-pigs," <i>British Journal of Pharmacology</i> , 114, 1995, pp. 93-98	
RD		Barnette, Mary S., et. al., "The Ability of Phosphodiesterase IV Inhibitors to Suppress Superoxide Production in Guinea Pig Eosinophils Is Correlated with Inhibition of Phosphodiesterase IV Catalytic Activity," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 273, 1995 pp. 674-679	
RD		Wright, Kathryn, F., et al., "Differential in vivo and in vitro bronchorelaxant activities of CP-80,633, a selective phosphodiesterase 4 inhibitor," <i>Can. J. Physiol. Pharmacol.</i> 75, 1997, pp.1001-1008	
RD		Manabe, Haruhiko, "Anti-inflammatory and Bronchodilator Properties of KF19514, a Phosphodiesterase 4 and 1 Inhibitor," <i>European Journal of Pharmacology</i> , 332, 1997, pp. 97-107	
RD		Ukita, Tatsuzo, et. al., "Novel, Potent, and Selective Phosphodiesterase-4 Inhibitors as Antiasthmatic Agents: Synthesis and Biological Activities of a Series of 1-Pyridynaphthalene Derivatives, <i>J. Med. Chem.</i> 42, 1999, pp. 1088-1099	
RD		Compton, CH, et. al., "The Efficacy of Ariflo™ (SB 207499, A Second Generation, Oral PDE4 Inhibitor, In Patients with COPD, Am. J. Respir. Crit. Care Med., 159, 1999	
RD		Leeman, Marc M.D., et. al., "Reduction in Pulmonary Hypertension and in Airway Resistances by Enoximone (MDL 17,043) in Decompensated COPD*, <i>Chest</i> , 91, 1987, pp. 662-6	
RD		Rabe, K.F., et. al., "Identification of PDE Isozymes in Human Pulmonary Artery and Effect of Selective PDE Inhibitors," <i>Am. J. Physiol.</i> 266 (LCMP 10), 1994, pp. L536-L543	
RD		Hughes, Bernadette, et. al., "PDE 4 inhibitors: the use of molecular cloning in the design and development of novel drugs, <i>Drug Discovery Today, Science Direct</i> , 2(3), 1997 pp. 89-101	
RD		Banner, K.H., et. al., "The Effect of Selective Phosphodiesterase Inhibitors in Comparison with other Anti-asthma Drugs on Allergen-induced Eosinophilia in Guinea-pig Airways," <i>Pulmonary Pharmacology</i> , 8, 1995, pp. 37-42	
RD		Raeburn, David, et.al., "Anti-inflammatory and bronchodilator properties of RP 73401, a novel and selective phosphodiesterase typed IV inhibitor," <i>Br. J. Pharmacol.</i> , 113, 1994, pp. 1423-1431	
RD		Karlsson, J.A., et. al., "Anti-Inflammatory Effects of the Novel Phosphodiesterase IV Inhibitor RP 73401," <i>Int. Arch Allergy Immunol.</i> 107, 1995, pp. 425-426	
RD		Escott, K.J., et. al., "Pharmacological Profiling of Phosphodiesterase, 4 (PDE4) Inhibitors and Analysis of the Therapeutic Ratio in Rats and Dogs, <i>Br. J. Pharmacol.</i> 123 (Proc suppl.) 1998 40P	
RD		Landells, L.J., et. al., "Oral Administration of the Phosphodiesterase (PDE) 4 Inhibitor, V11294A Inhibits Ex-Vivo Agonist-induced Cell Activation," <i>Eur. Resp. J.</i> , 12 (Suppl. 28), 362s, 1998, P2393	
RD		Gale, D.D., et. al., "Pharmacodynamic-Pharmacokinetic (PD/PK) Profile of the Phosphodiesterase (PDE)4 Inhibitor, V11294A, in Human Volunteers," <i>Am. J. Respir. Crit Care Med.</i> , 159, A611, 1999, pp A108	
RD		Montana, J., et. al., "Activity of D4418, A Novel Phosphodiesterase 4 (PDE4) Inhibitor, Effects in Cellular and Animal Models of Asthma and Early Clinical Studies," <i>Am. J. Respir. Crit. Care Med.</i> , 159, A108, 1999, pp A624	
RD		Cavalla, D., et. al., "Activity of V11294A, A Novel Phosphodiesterase 4 (PDE4) Inhibitor, In Cellular and Animal Models of Asthma," <i>Am. J. Respir. Crit. Care Med.</i> 155, 1997, pp A660	
RD		Pascal, Y., et. al., "Synthesis and Structure,-activity Relationships of 4-oxo-1 pheyl-3,4,5,7-Tetrahydro-[1,4]Diazepino[6,7,1-H][Indolines: Novel PDE4 Inhibitors," 215 th ACS, MEDI, 50, 1998	
RD		Burnouf, C., et. al., "Pharmacology of the Novel Phosphodiesterase Type 4 Inhibitor, CI-1018," 215 th ACS, MEDL 008, 1998	
RD		Mueller, George W., et. al., "N-Phthaloyl-β- Aryl- β- Amino Derivatives Potent TNF-α And PDE4 Inhibitors, MEDI, 299, 1999	

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> Page 3 of 3			ATTY. DOCKET NO. PC11897B	SERIAL NO. 10/613,988
			APPLICANT	Robert J. Chambers, et. al.
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<i>RD</i>	Mueller, George W., et. al., "Thalidomide Analogs and PDE4 Inhibition," Bioorganic & Medicinal Chemistry Letters, 8, 1998 pp. 2669-2674			
<i>RD</i>	Takayama, K., "Synthetic Studies on Selective Type IV Phosphodiesterase (PDE IV) Inhibitors," MEDI 245, 1997			
<i>RS</i>	Gordon, T., et. al., "Anti-Inflammatory Effects of a PDE4 Inhibitor in a Rat Model of Chronic Bronchitis," Am. J. Respir. Crit. Care Med., 159, A33, 1999			
<i>RD</i>	Perrier, Helene, et. al., "Substituted Furans as Inhibitors of the PDE4 Enzyme," Bioorganic & Medicinal Chemistry Letters 9, 1999, pp. 323-326			
<i>RD</i>	Groneberg, Robert D., et. al., "Dual Inhibition of Phosphodiesterase 4 and Matrix Metalloproteinases by an (Arylsulfonyl)hydroxamic Acid Template," Journal of Medicinal Chemistry, 1999, Vol. 42, No. 4, pp. 541-544			
<i>RD</i>	Fujimura, Masaki, et. al. Bronchoprotective Effects of KF-19514 and Cilostazol in Guinea Pigs In Vivo," European Journal of Pharmacology, 327, 1997, pp. 57-63			
<i>RD</i>	Manabe, Haruhiko, et. al., "KF19514, a Phosphodiesterase 4 and 1 Inhibitor, Inhibits PAF-Induced Lung Inflammatory Responses by Inhaled Administration in Guinea Pigs," International Archives of Allergy-Immunology, 1997, 114, pp. 389-399			
<i>RD</i>	Suzuki, Fumio, et. al., "New Bronchodilators, 3. Imidazo[4,5-c][1,8]naphthyridin-4(5H)-ones," Journal of Medicinal Chemistry, 1992, Vol. 35, No. 26, pp. 4866-4874			
<i>RD</i>	Matsuura, Akihiro, et. al., "Substituted 1,8-Naphthyridin-2(1H)-ones as Selective Phosphodiesterase IV Inhibitors," Biol. Pharm. Bull. Vol. 17(4), 1994, pp. 498-503			
<i>RD</i>	Manabe, Haruhiko, et. al., "Pharmacological properties of a New Bronchodilator, KF17625," Jpn. J. Pharmacol., 58 (Suppl 1), 1992 pp. 238			
<i>RS</i>	Montana, John G., et. al., "PDE4 Inhibitors: New Xanthine Analogues," Bioorganic & Medicinal Chemistry Letters 8, 1998, pp. 2925-2930			
<i>RD</i>	Merz, Karl-Heinz, et. al., "Synthesis of 7-Benzylamino-6-chloro-2-piperazino-4-pyrolidinopteridine and Novel Derivatives Free of Positional Isomers. Potent Inhibitors of cAMP-Specific Phosphodiesterase and of Malignant Tumor Cell Growth," Journal of Medicinal Chemistry, Vol. 41, No. 24, 1998, pp. 4733-4743			
<i>RD</i>	Danhaive, P., et. al., "UCB29936, A Selective Phosphodiesterase Type IV Inhibitor; Therapeutic Potential In Endotoxic Shock," Am. J. Respir. Crit. Care Med., 159, A611, 1999			
<i>RD</i>	Tian, Gaochao, et. al., "Dual Inhibition of Human Type 4 Phosphodiesterase Isostates by (R*,R*)(\pm -Methyl 3-Acetyl-4-[3-(cyclopentyloxy)-4-methoxyphenyl]-3-methyl-1-pyrrolindinecarboxylate," Biochemistry, 37(19), 1998 pp. 6894-6904			
<i>RD</i>	Norman, Peter, "PDE4 Inhibitors 1999," Exp. Opin. Ther. Patents 9(8) 1999, pp. 1101-1118			
<i>RD</i>	Dyke, Hazel J. & Montana, John G., "The Therapeutic Potential of PDE4 Inhibitors," Expert Opinion on Investigational Drugs, 8(9), 1999, pp. 1301-1325			
<i>RD</i>	XP-002066969, Vinik, Fredric J., et. al., "Nicotinamide Ethers: Novel Inhibitors of Calcium-Independent Phosphodiesterase and [³ H]Ropipram Binding," Journal of Medicinal Chemistry, Vol. 34, No. 1, 1991, pp. 86-89			
EXAMINER		DATE CONSIDERED		
<i>R. Desai</i>		9/13/04		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				